

WHAT IS CLAIMED IS:

1. A cash drawer comprising:
  - a housing;
  - a drawer slidably mounted in the housing;
  - a latch configured to hold the drawer in a closed position; and
  - an actuator coupled to the latch to move the latch between an unlatching position and a latching position, the actuator being configured to actuate upon receiving an input signal at any one of at least three energization potentials.
2. The cash drawer of claim 1 wherein the actuator comprises:
  - a solenoid with a plurality of coils, each coil having coil inputs.
3. The cash drawer of claim 2 wherein the actuator comprises:
  - a diode circuit coupled to the plurality of coils.
4. The cash drawer of claim 3 wherein the diode circuit is configured to apply the input signal to desired coil inputs based on an energization potential of the input signal.

5. The cash drawer of claim 4 and further comprising:

a cable and connector assembly configured to connect the energization potential of the input signal to the diode circuit.

6. The cash drawer of claim 5 wherein the diode circuit is configured to apply the input signal to desired coil inputs based on a configuration of the cable and connector assembly.

7. The cash drawer of claim 6 wherein the plurality of coils comprises first and second coils, each having first and second inputs.

8. The cash drawer of claim 7 wherein the diode circuit comprises:

a first diode connected between the first input of the first coil and the first input of the second coil;

a second diode connected between the first input of the second coil and the second input of the first coil; and

a third diode connected between the second input of the first coil and the second input of the second coil.

9. The cash drawer of claim 1 wherein the at least three voltage potentials include 12V and 24V and at least one additional voltage.

10. The cash drawer of claim 9 wherein the at least one additional voltage comprises 15V and at least 28V.

11. The cash drawer of claim 9 wherein the actuator includes a diode circuit configured to provide fly-back protection.

12. A cash drawer, comprising:  
a housing;  
a drawer reciprocally mounted within the housing;  
a latch movable between a latching position holding the drawer in the housing and an unlatching position;  
an actuator coupled to the latch to move the latch between the latching and unlatching positions based on a predetermined energization signal; and  
an energization circuit receiving an input signal at any one of a plurality of voltage potentials and applying the predetermined energization signal to the actuator, the energization circuit including a plurality of coils

providing the predetermined energization signal to the actuator and a selection circuit applying the input signal to one or more of the coils and de-energizing the coils, inhibiting application of de-energizing current to components remote from the cash drawer.

13. The cash drawer of claim 12 wherein the energization circuit is configured to receive the input signal at any one of at least three voltage potentials.

14. The cash drawer of claim 12 wherein the selection circuit comprises:

a diode circuit coupled to the plurality of coils.

15. The cash drawer of claim 14 wherein the diode circuit is configured to apply the inputs to desired coil inputs based on an energization potential of the input signal.

16. The cash drawer of claim 15 and further comprising:

a cable and connector assembly configured to connect the energization potential

of the input signal to the diode circuit.

17. The cash drawer of claim 16 wherein the diode circuit is configured to apply the input signal to desired coil inputs based on a configuration of the cable and connector assembly.

18. The cash drawer of claim 17 wherein the cable and connector assembly includes an RJ45 connector.

19. A cash drawer latch assembly, in a cash drawer comprising:

a latch movable between a latching position and an unlatching position; and an actuator energizeable to move the latch between the latching and unlatching positions, the actuator including a plurality of coils and a diode circuit the diode circuit receiving an input signal at one of a plurality of voltages, and de-energizing the coils inhibiting application of de-energization to components external to the cash drawer.

20. The cash drawer latch assembly of claim 19 and further comprising:

a cable and connector assembly configured to connect the energization potential of the input signal to the diode circuit.

21. The cash drawer latch assembly of claim 20 wherein the diode circuit is configured to apply the input signal to desired coil inputs based on a configuration of the cable and connector assembly.